

WEB SESSION COLLABORATION - EXAMPLE TRANSACTION

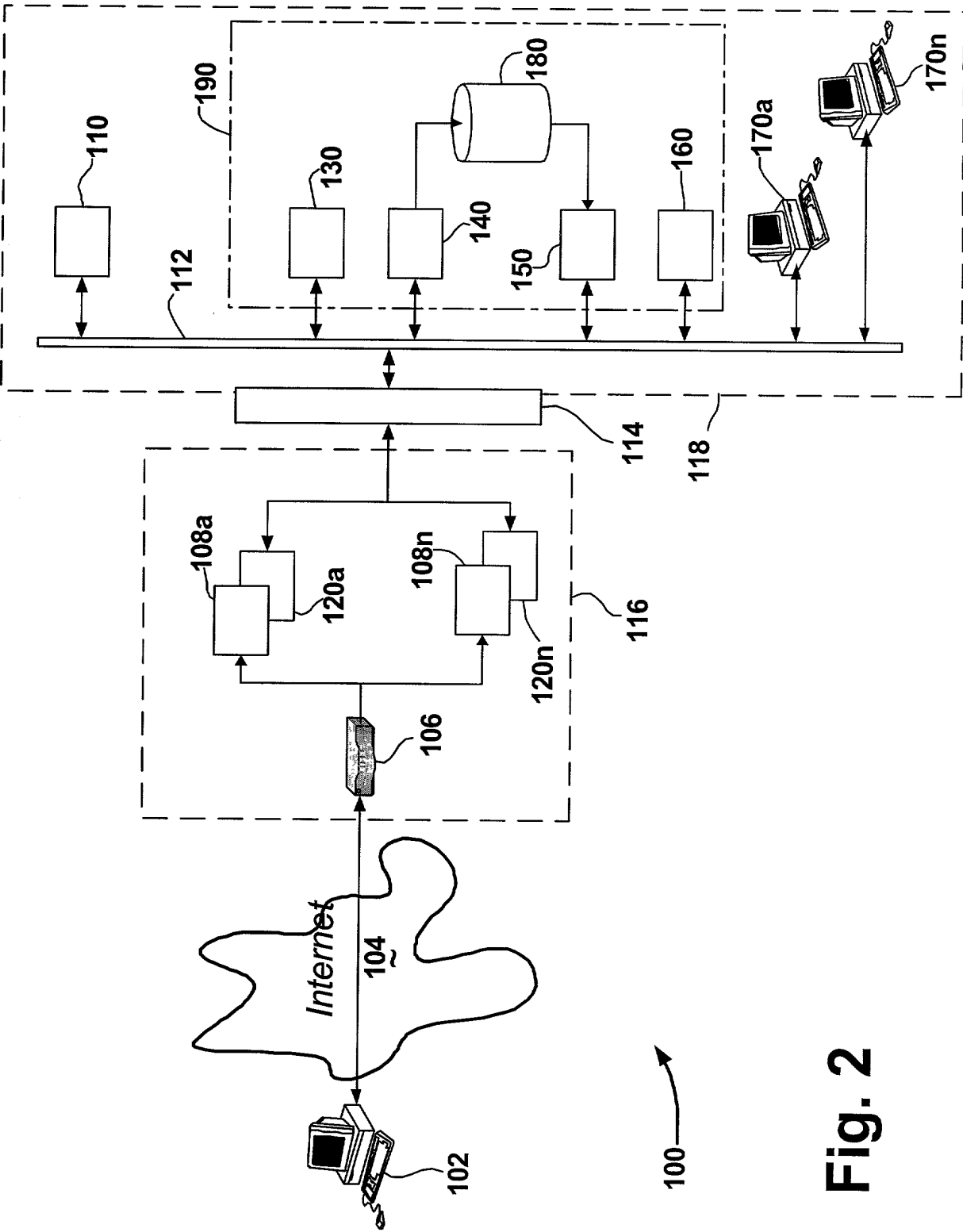


Fig. 2

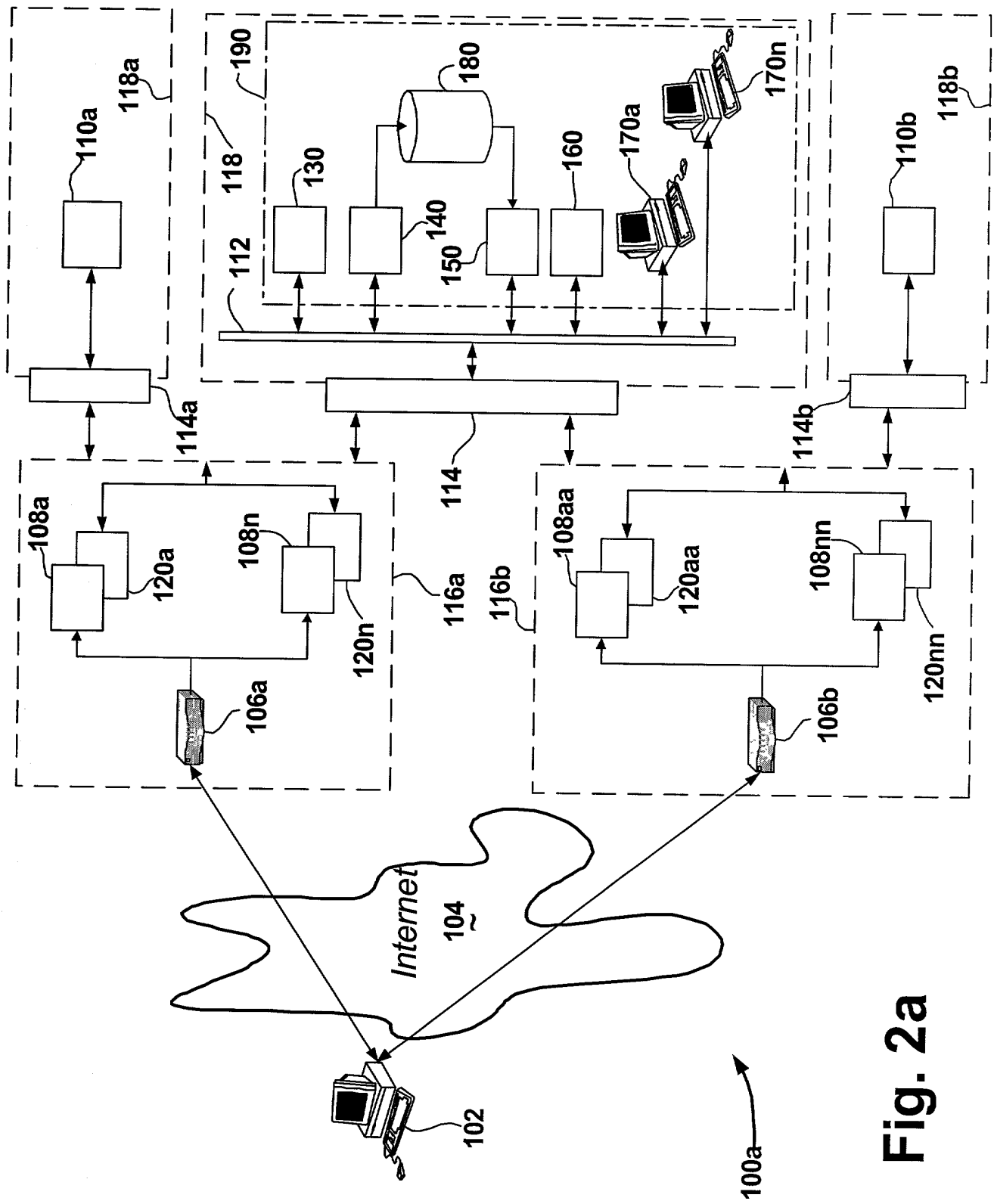


Fig. 2a

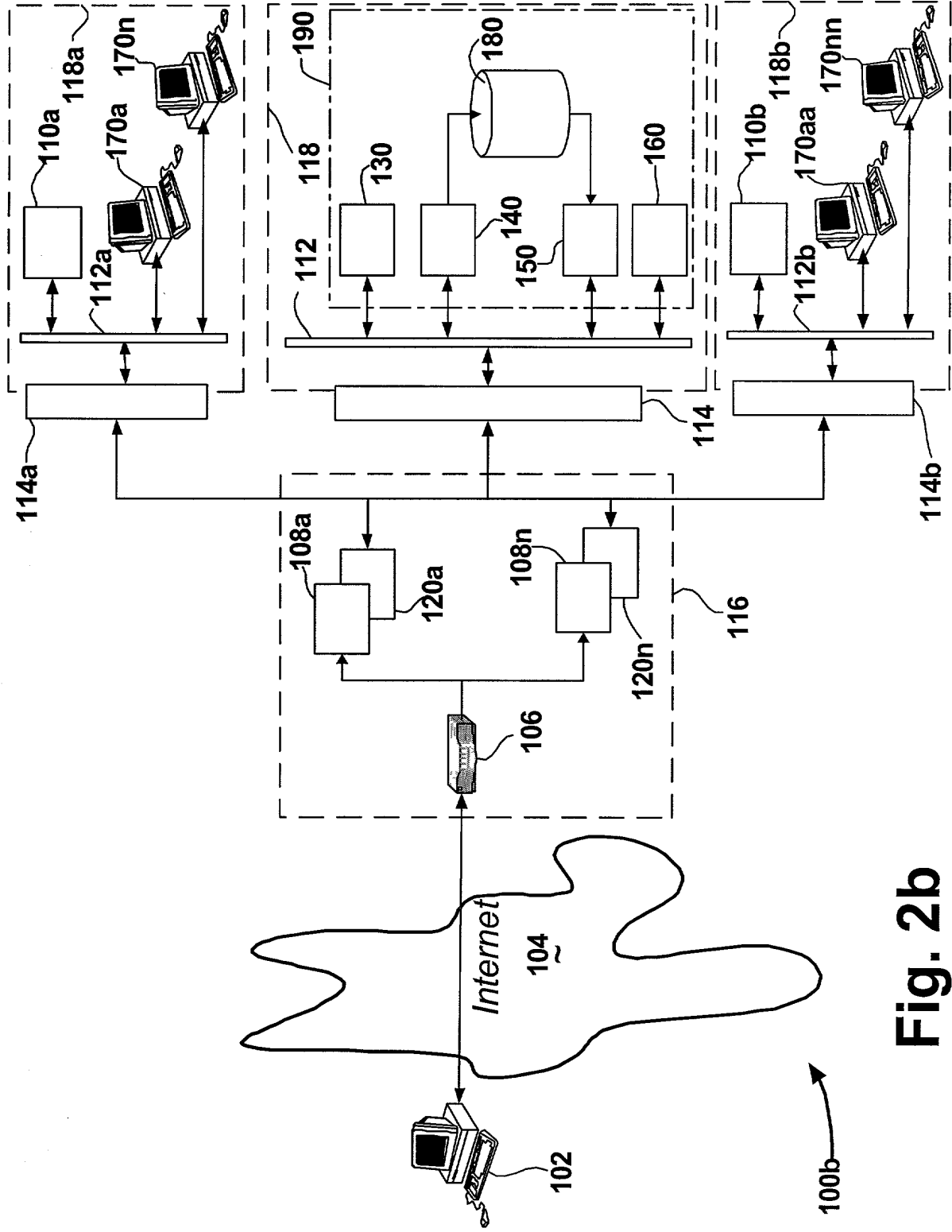
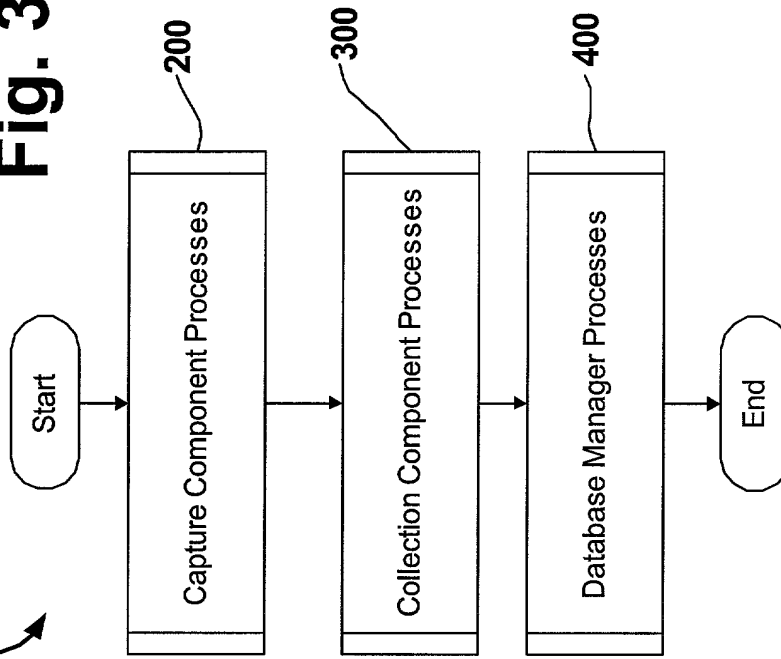


Fig. 2b

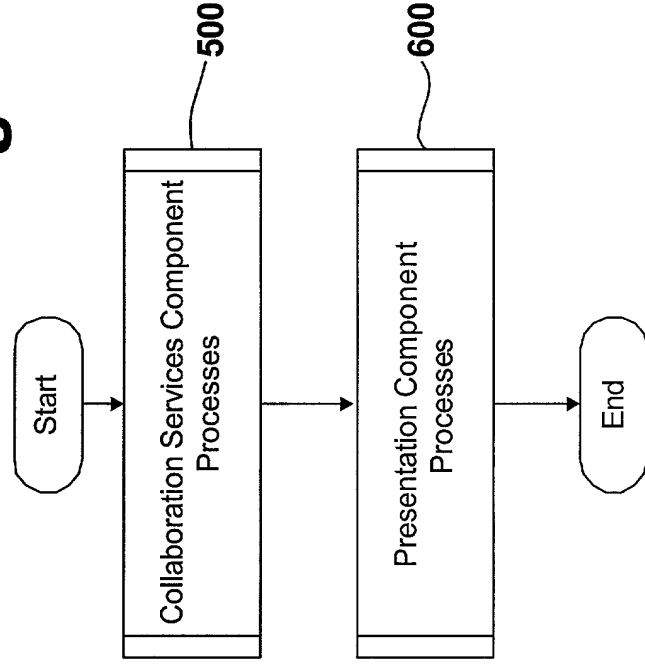
192

Fig. 3



194

Fig. 4



200

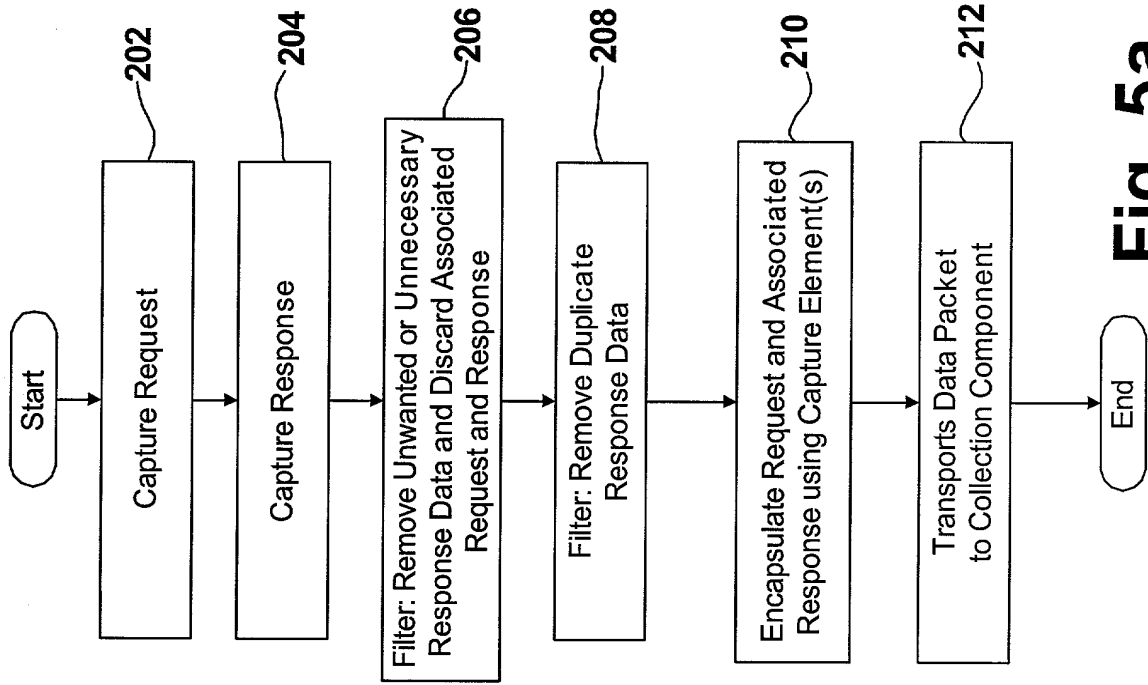


Fig. 5a

300

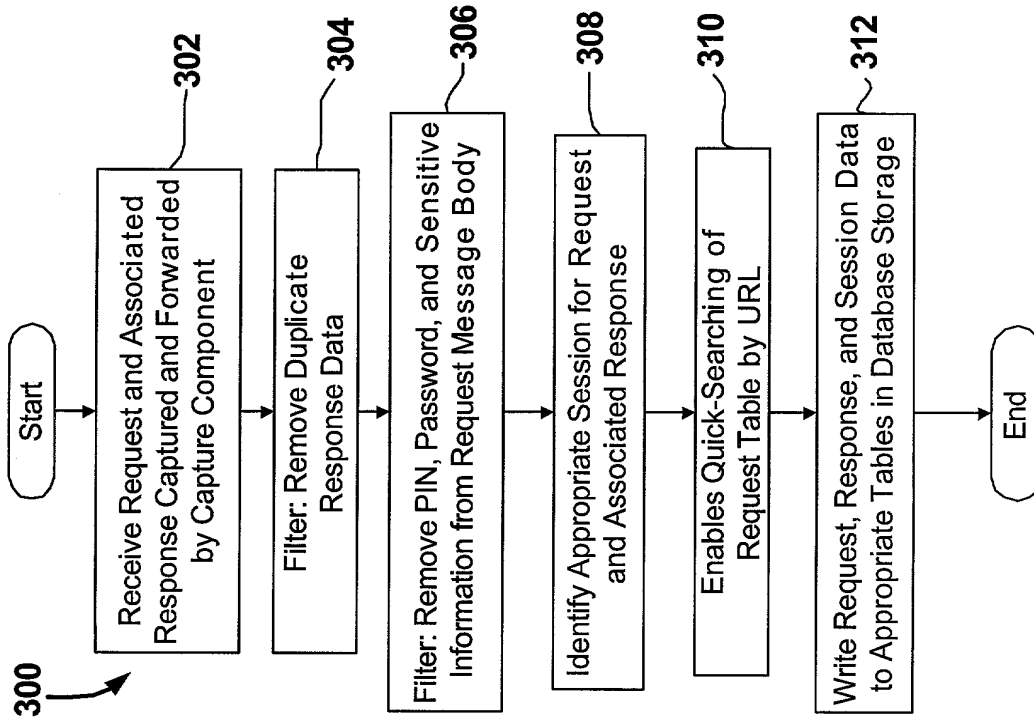


Fig. 5b

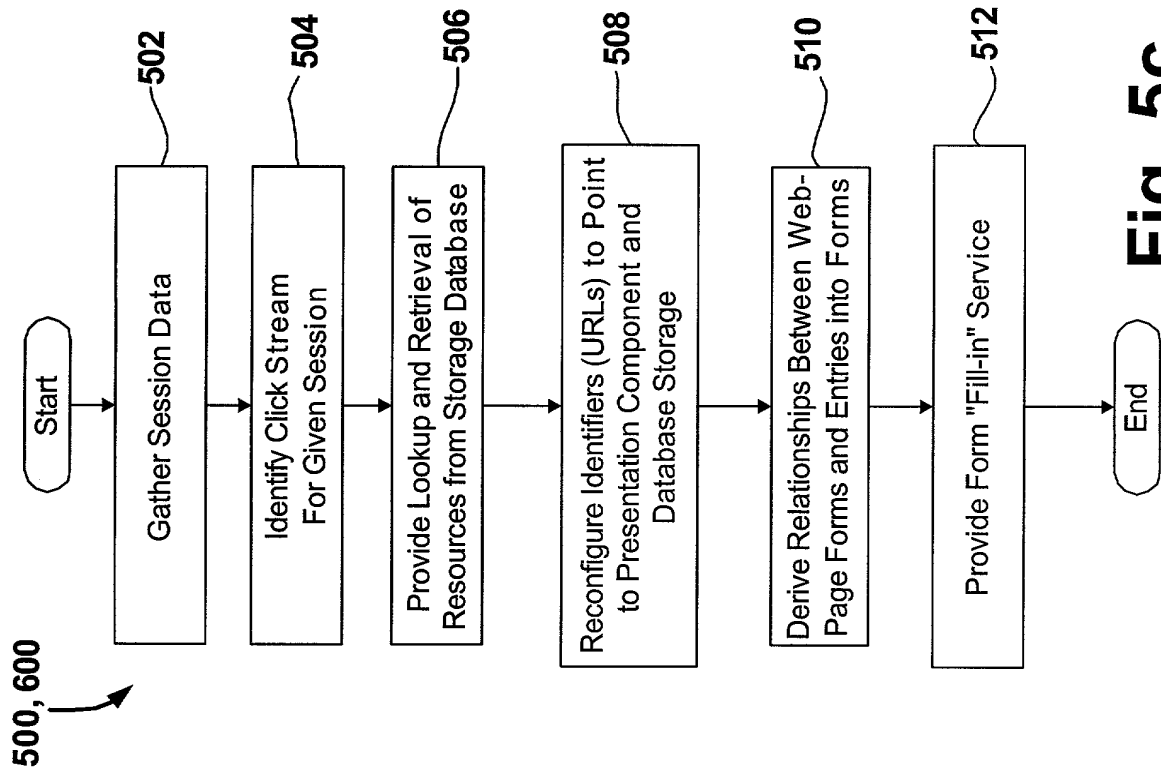


Fig. 5c

202, 210

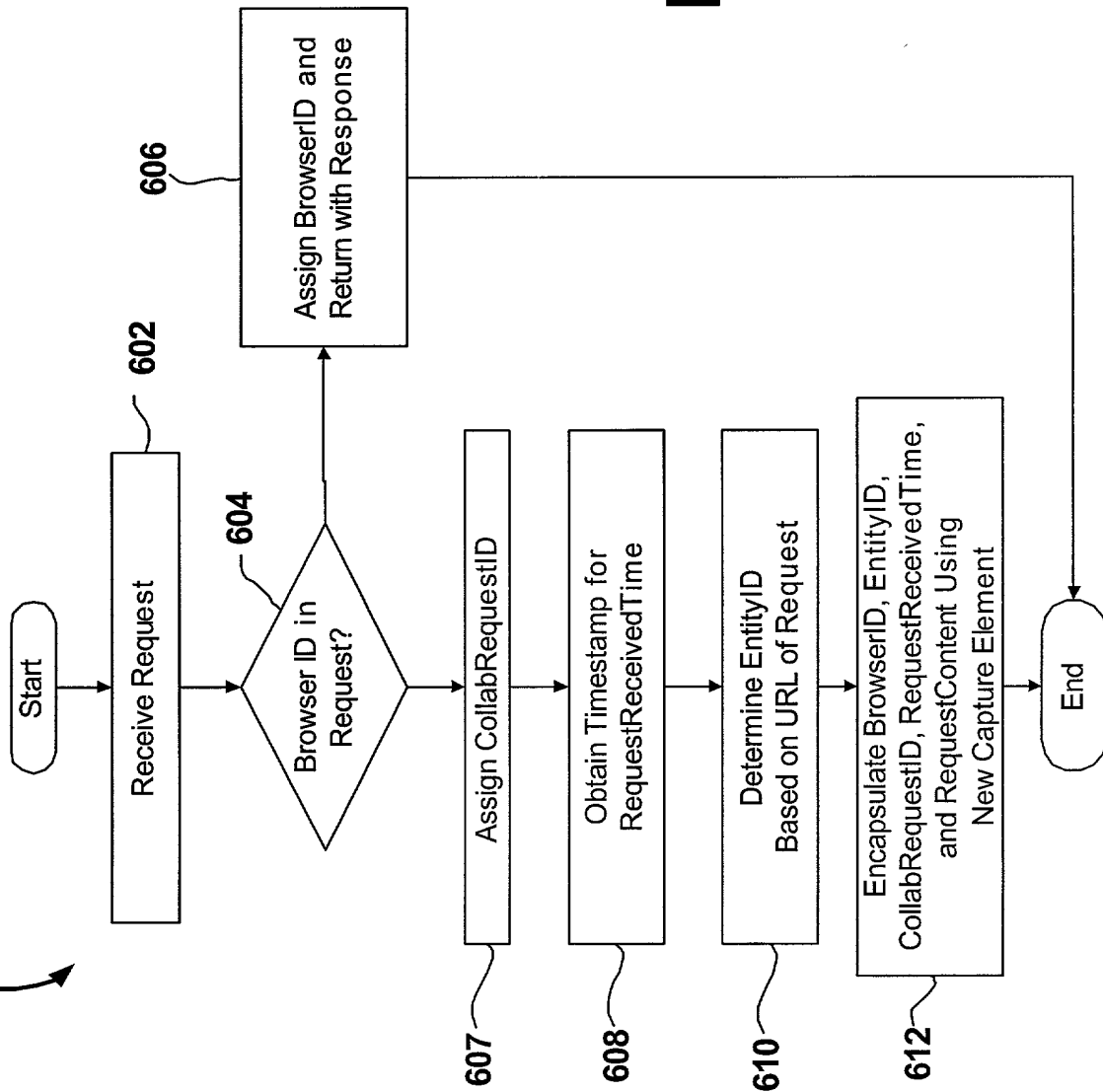


Fig. 6

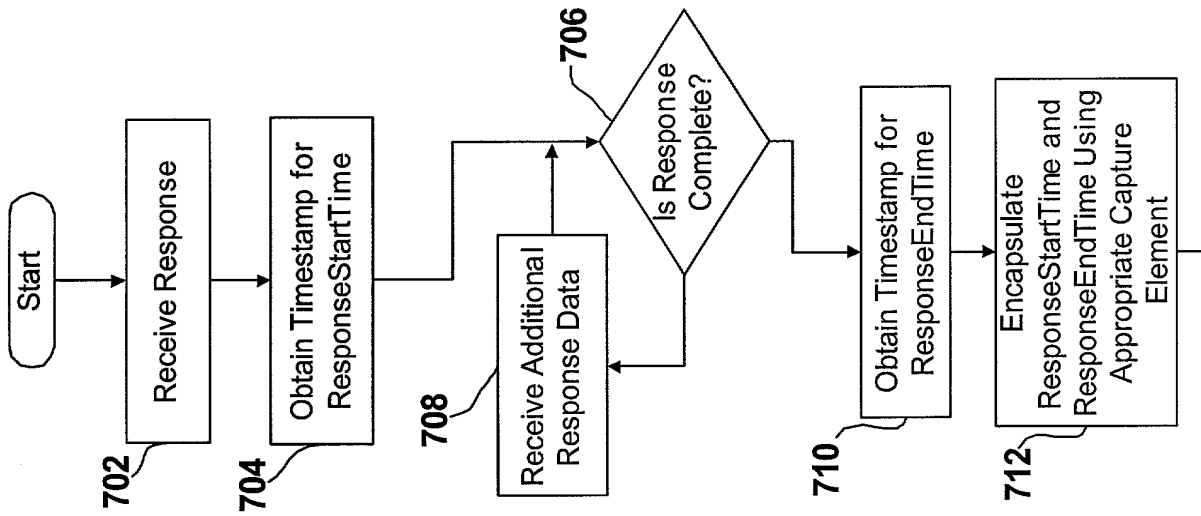
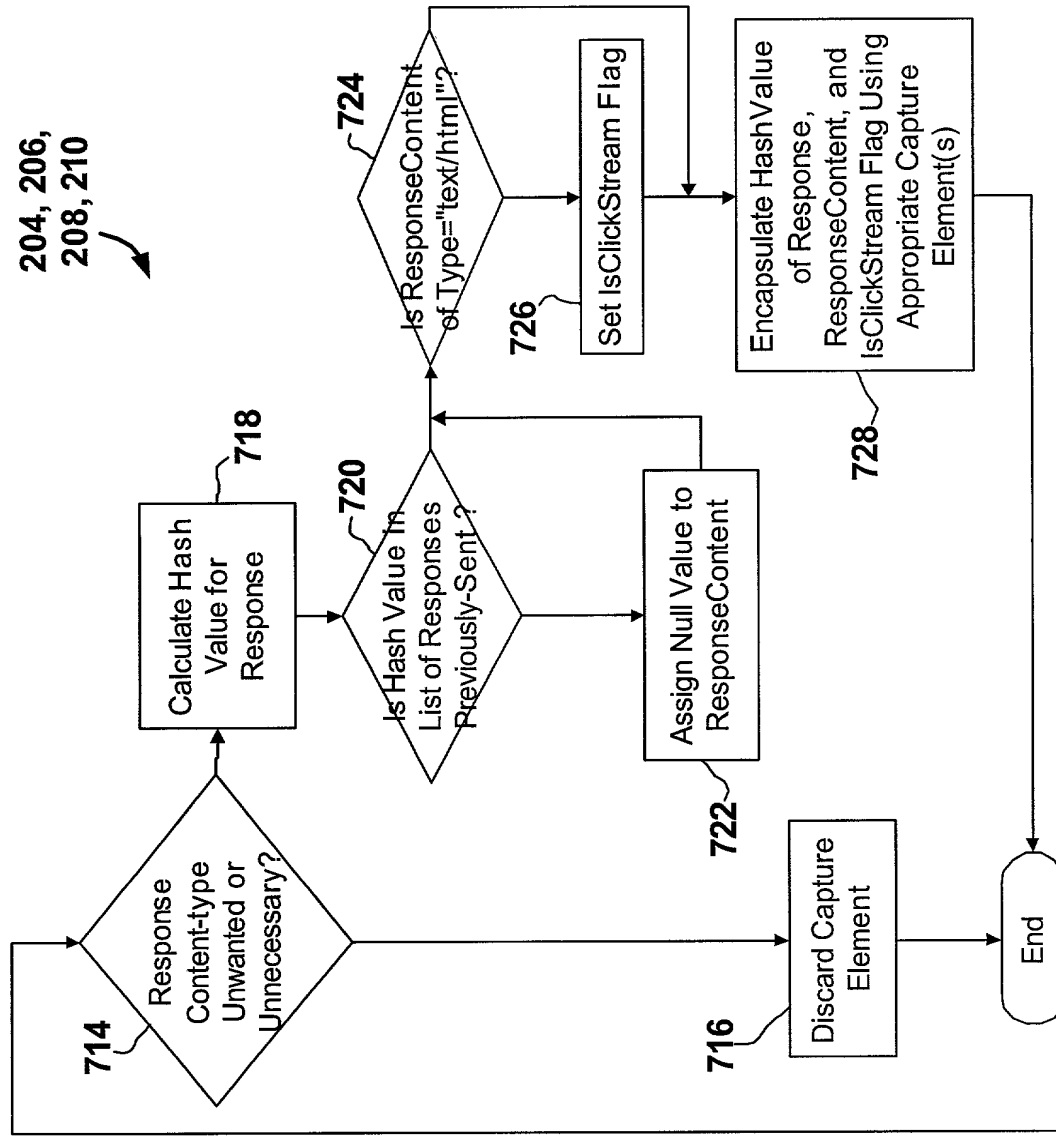


Fig. 7



Capture Element (Request/Response Pair) (800a)

802	803	804	805	806	808	810	812	814	816
Browser ID	Entity ID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Response Content	Is Click Stream (flag)

Fig. 8a

Capture Element (Request only) (800b)

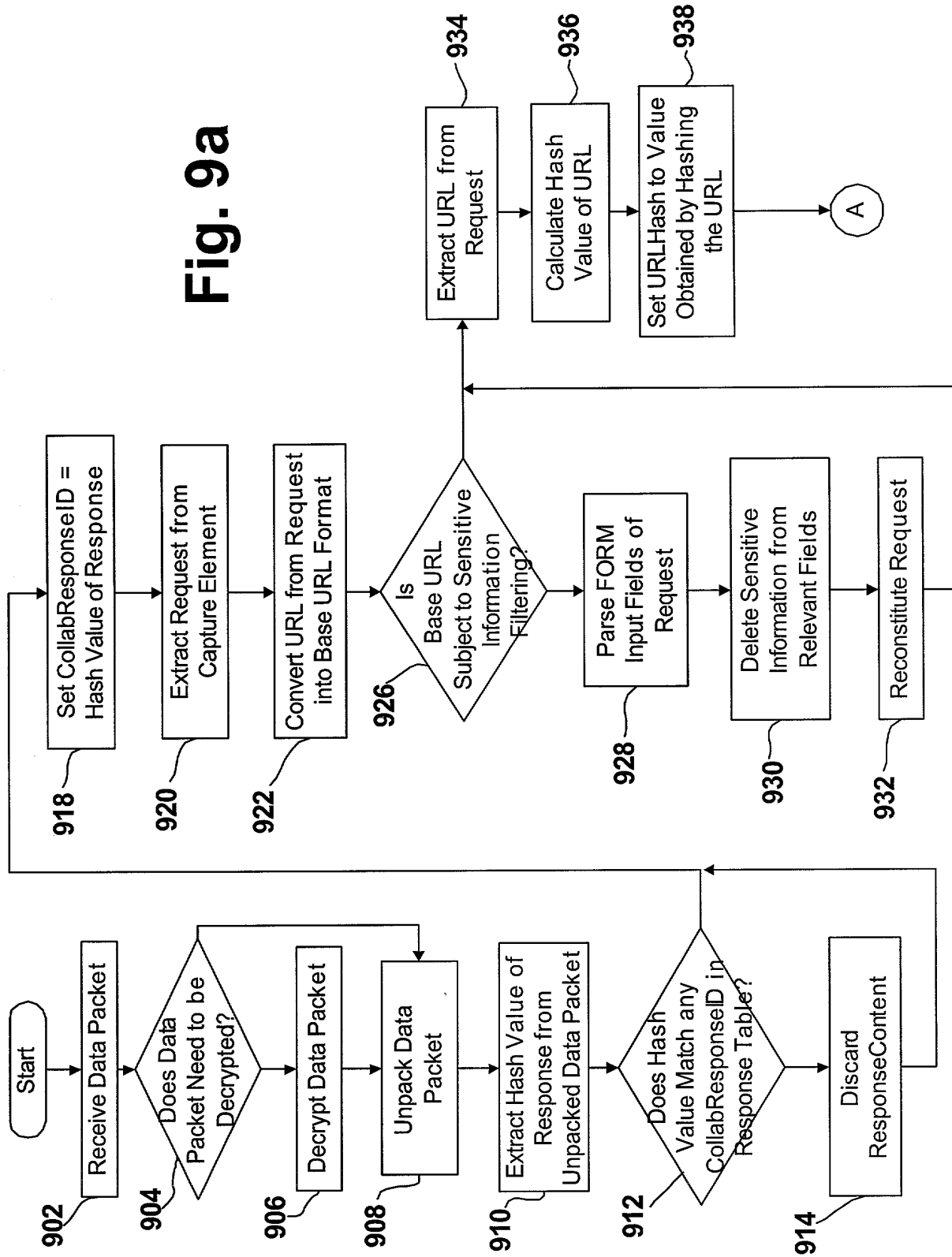
802	803	804	805	806	808	810	812	816
BrowserID	EntityID	CollabRequestID	RequestReceivedTime	Request Content	ResponseStartTime	ResponseEndTime	Hash Value of Response	Is Click Stream (flag)

Fig. 8b

Capture Element (Response only) (800c)

812	814
Hash Value of Response	ResponseContent

Fig. 8c



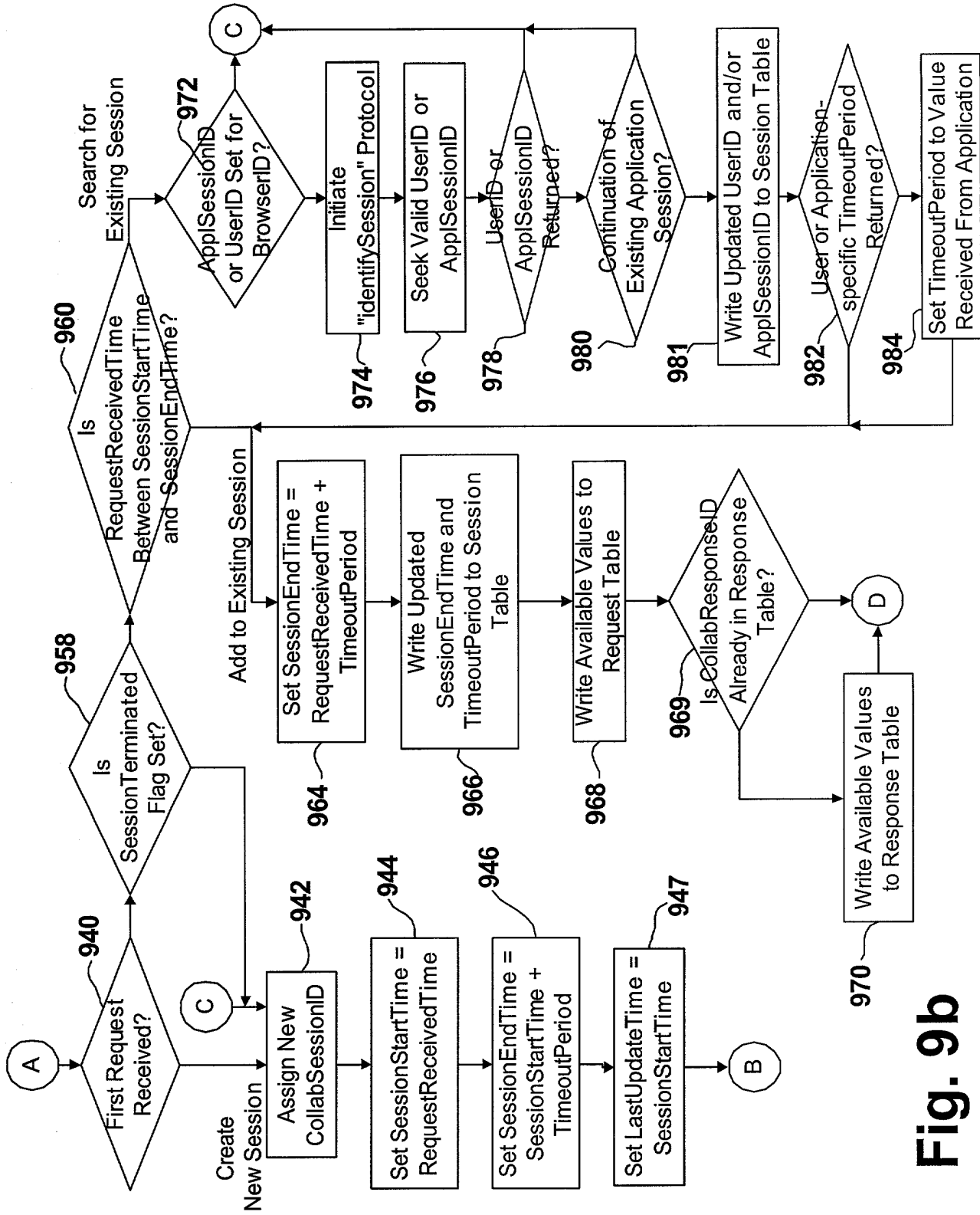
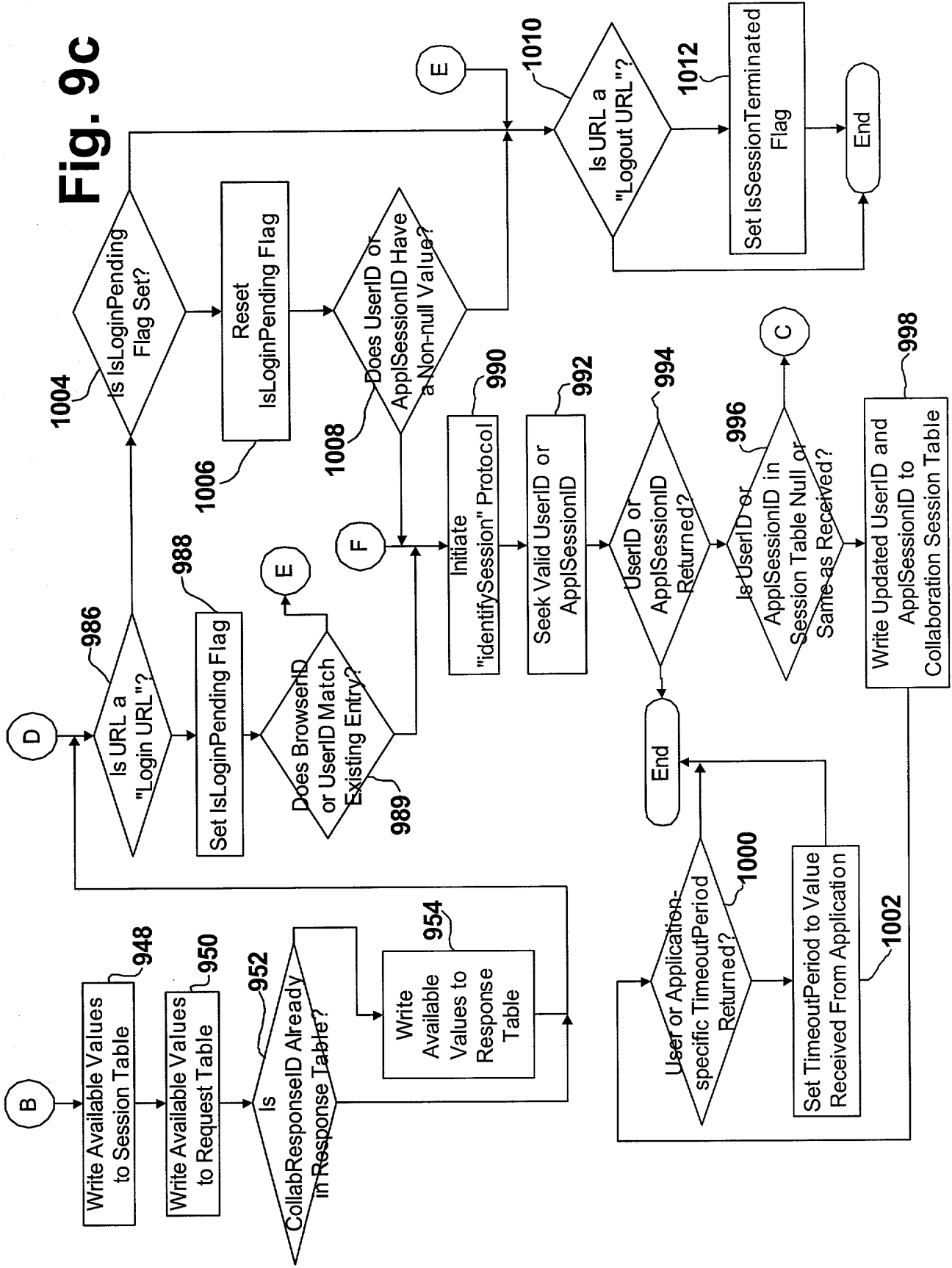


Fig. 9b

Fig. 9c



Session Table (1052)

Record #	1	2	3	4	...	x
CollabSessionID						
BrowserID						
UserID						
ApplSessionID						
EntityID						
SessionStartTime						
SessionEndTime						
LastUpdateTime						
TimeoutPeriod						
IsLoginPending (flag)						
IsSessionTerminated (flag)						

Fig. 10a

Request Table (1054)

Record #	1	2	3	4	...	y
CollabSessionID						
CollabRequestID						
RequestContent						
RequestReceivedTime						
URLHash						
CollabResponseID						
ResponseStartTime						
ResponseEndTime						
IsClickStream (flag)						

Fig. 10b

Response Table (1056)

Record #	1	2	3	4	...	z
CollabResponseID						
ResponseContent						

Fig. 10c

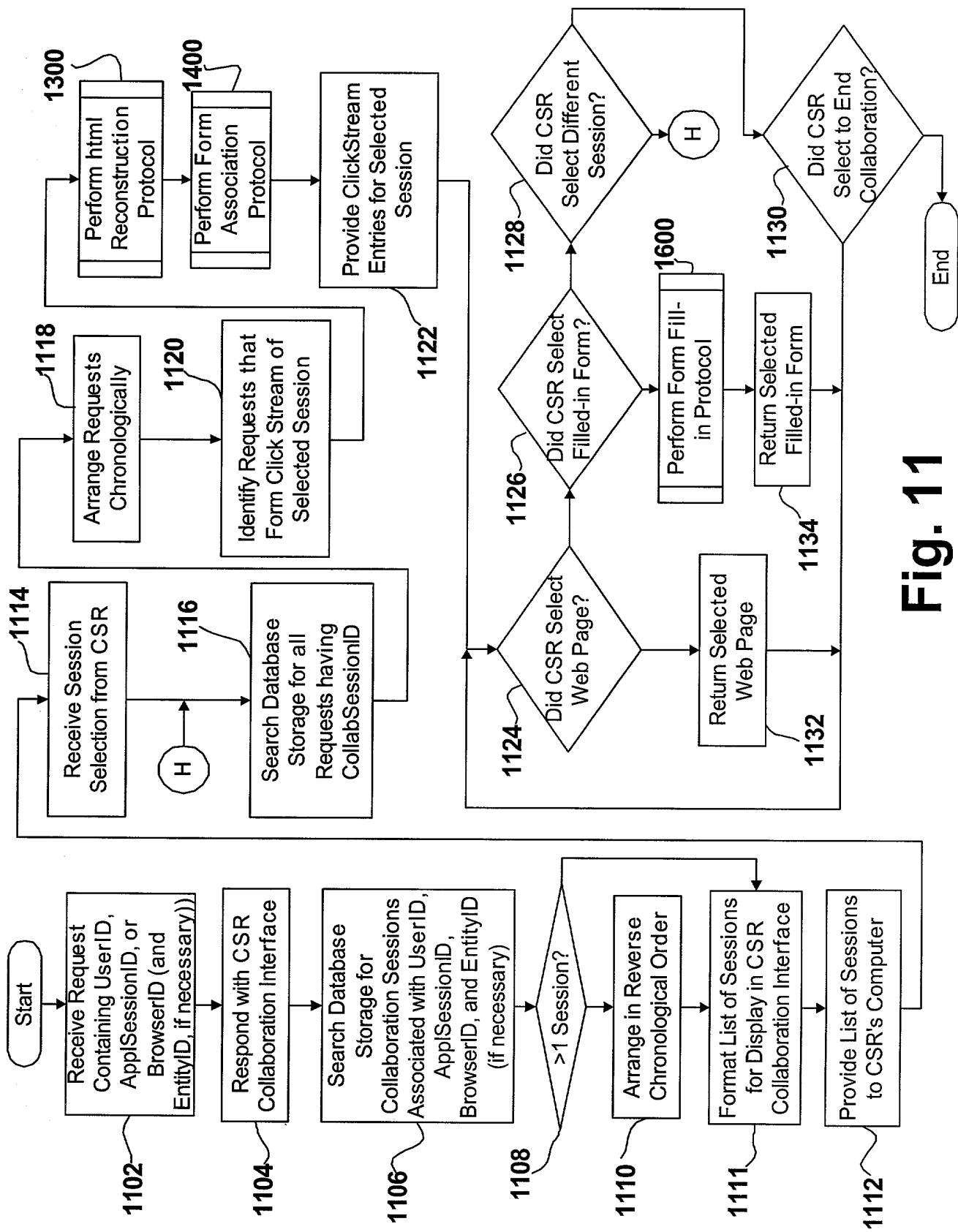
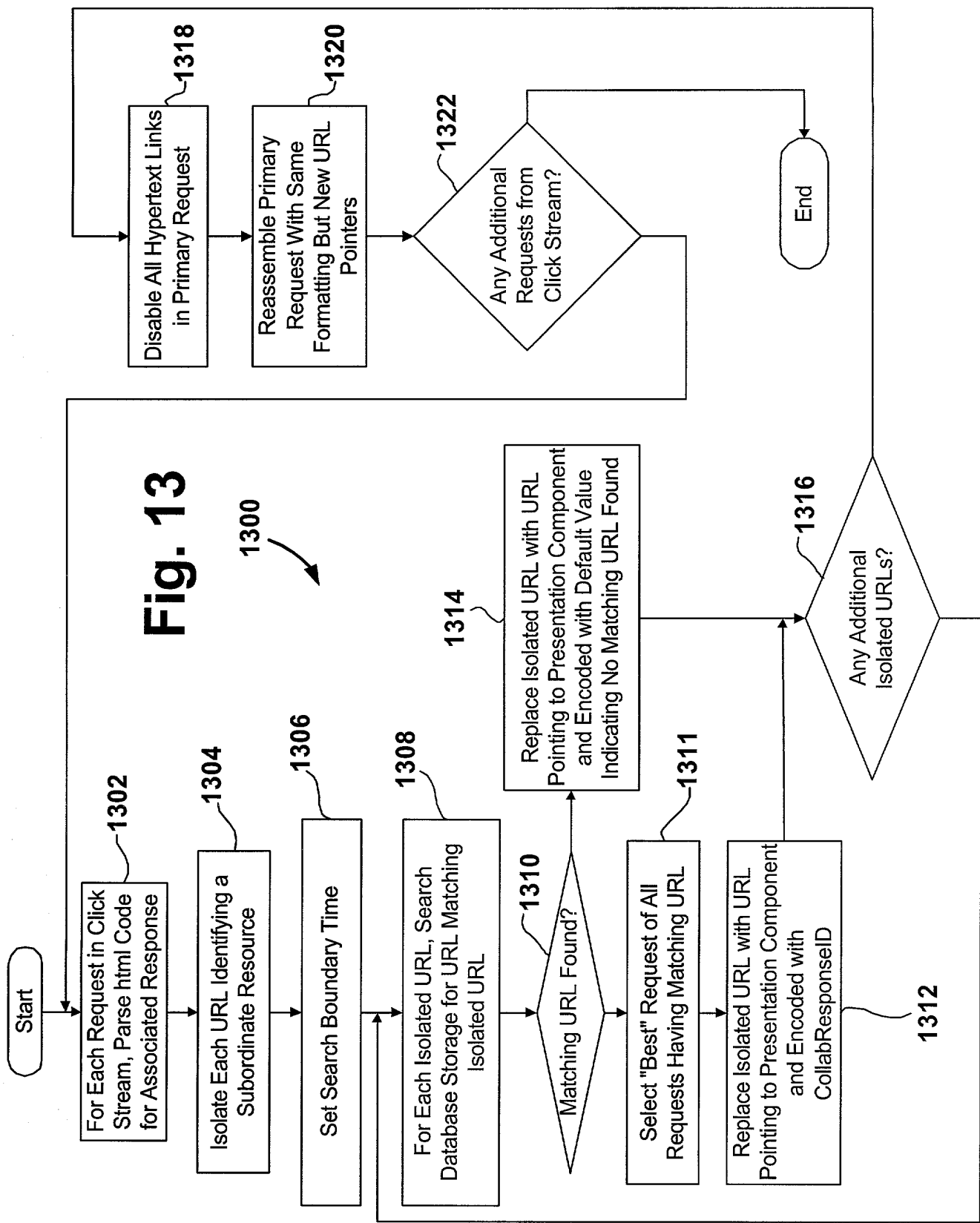


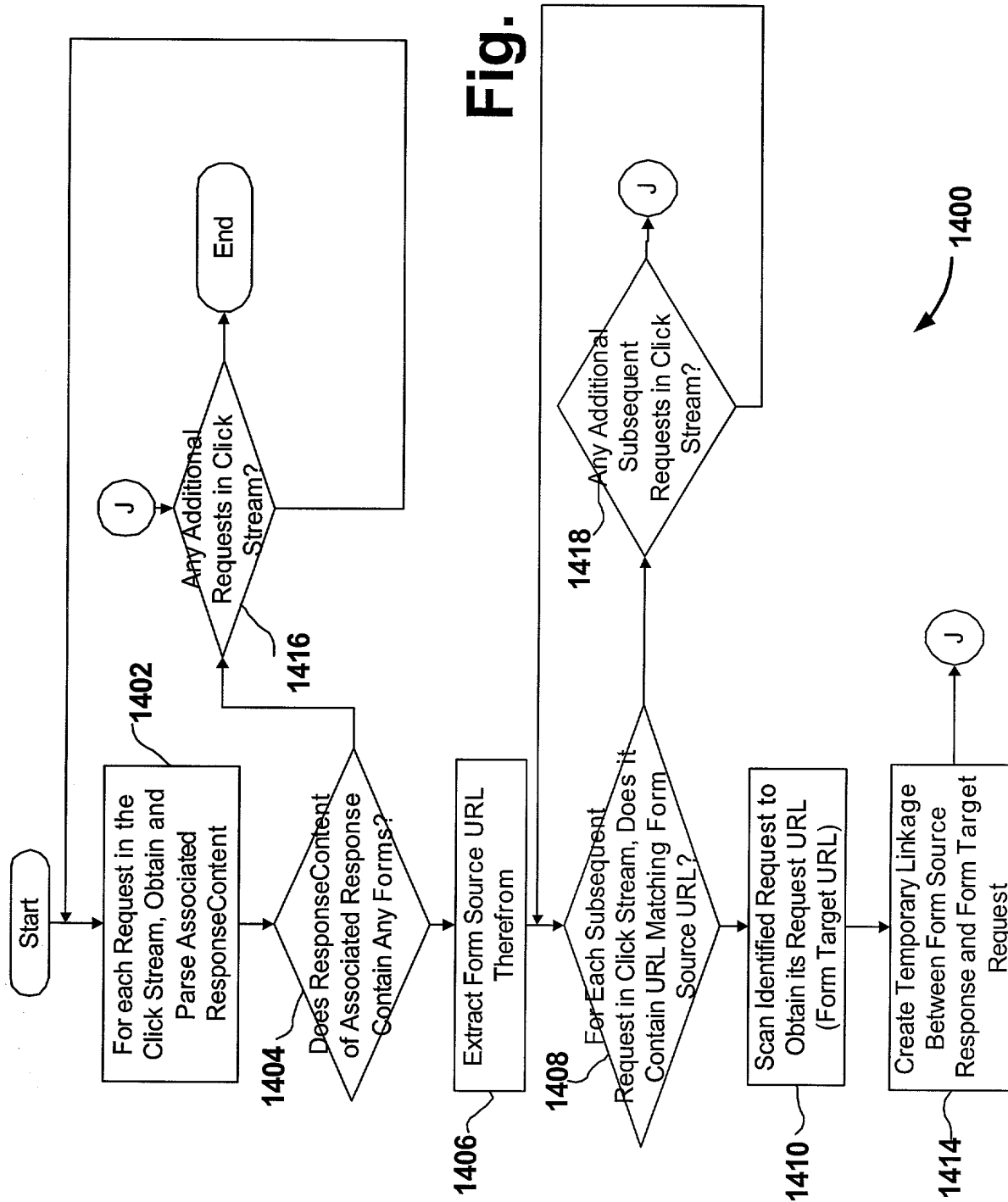
Fig. 11

Single Web Session

	<u>Request</u>	<u>Resources Referenced in Content of Corresponding Response</u>
CS	FirstPage.html	MyStyle.css FirstPic.jpg
	MyStyle.css	
	FirstPic.jpg	
CS	SecondPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
	SecondPic.jpg	
CS	ThirdPage.html	MyStyle.css FirstPic.jpg SecondPic.jpg
CS	FourthPage.html	

Fig. 12





User Name

John Doe

User ID

12-463-79

AppSessionID

12-978A-BGN

1504

Web Session Collaboration

1502

Available Web Sessions

Start Date/Time

End Date/Time

1562

MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx	

1506

Close

Window

1526

1508

Fig. 15a

User Name

UserID

ApplSessionID

Web Session Collaboration

Available Web Sessions	
Start Date/Time	End Date/Time
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
Web Site Home Page	
* Application Login Page	
Account Summary	
* Buy Order Form Page	
Confirmation Page	
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx	MM/DD/YYYY xx:xx:xx
1506	1526 Close Window

Fig. 15b

User Name

1542

User ID

1544

AppSessionID

1546

1504

Available Web Sessions

Start Date/Time End Date/Time

MM/DD/YYYY *x:xx:xx MM/DD/YYYY *x:xx:xx

MM/DD/YYYY *x:xx:xx MM/DD/YYYY *x:xx:xx

Web Site Home Page

* Application Login Page

Account Summary

1522

* Buy Order Form Page

Confirmation Page

1520

MM/DD/YYYY *x:xx:xx MM/DD/YYYY *x:xx:xx

MM/DD/YYYY *x:xx:xx MM/DD/YYYY *x:xx:xx

1506

Web Session Collaboration

1528

1502

Buy Order Form Page

Enter Stock Symbol

Number of Shares

Price per Share

Expiration Time

Select Payment Method

1530

1508

Fig. 15c

1500

User Name 1542
UserID 1544
AppSessionID 1546
1504

Available Web Sessions
Start End
Date/Time Date/Time
MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx
Web Site Home Page
* Application Login Page
1522 Account Summary
* Buy Order Form Page
1520 Confirmation Page
MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx
MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx
1506

Web Session Collaboration

1502

Buy Order Form Page

Enter Stock Symbol 1528
Number of Shares
Price per Share
Expiration Time 1532
Select Payment Method 1508

Fig. 15d

1500

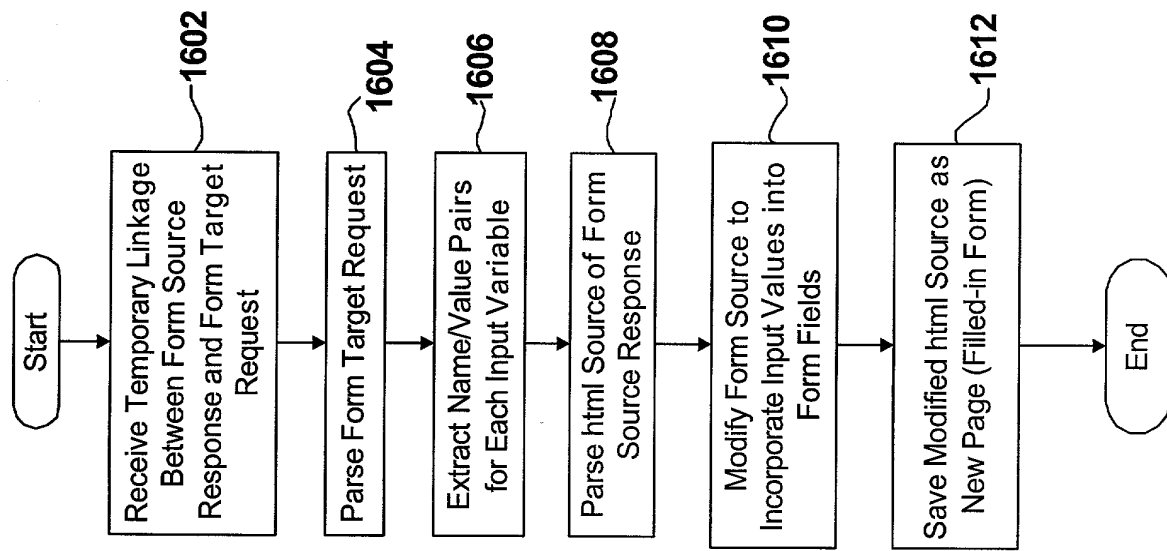


Fig. 16

1600

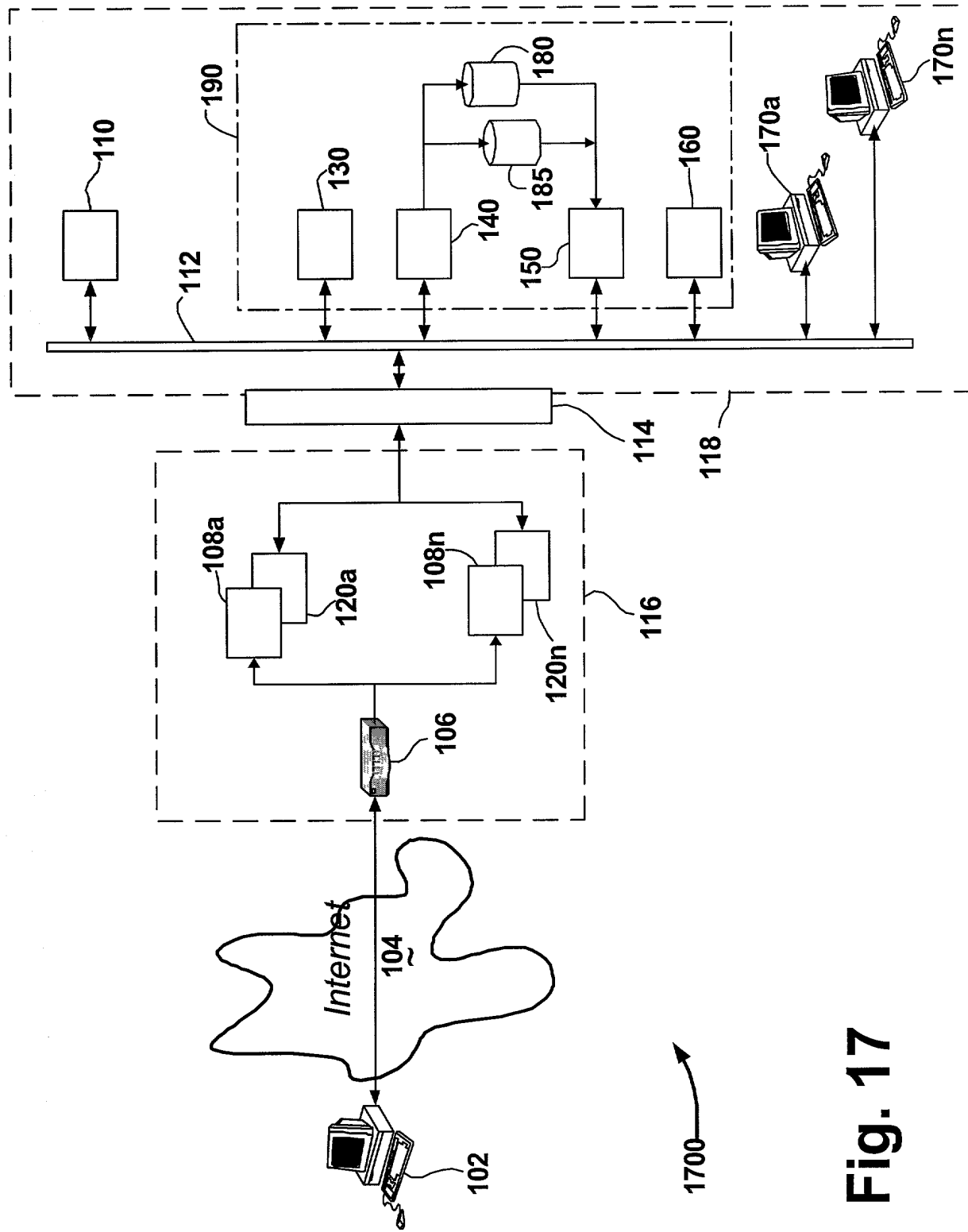


Fig. 17

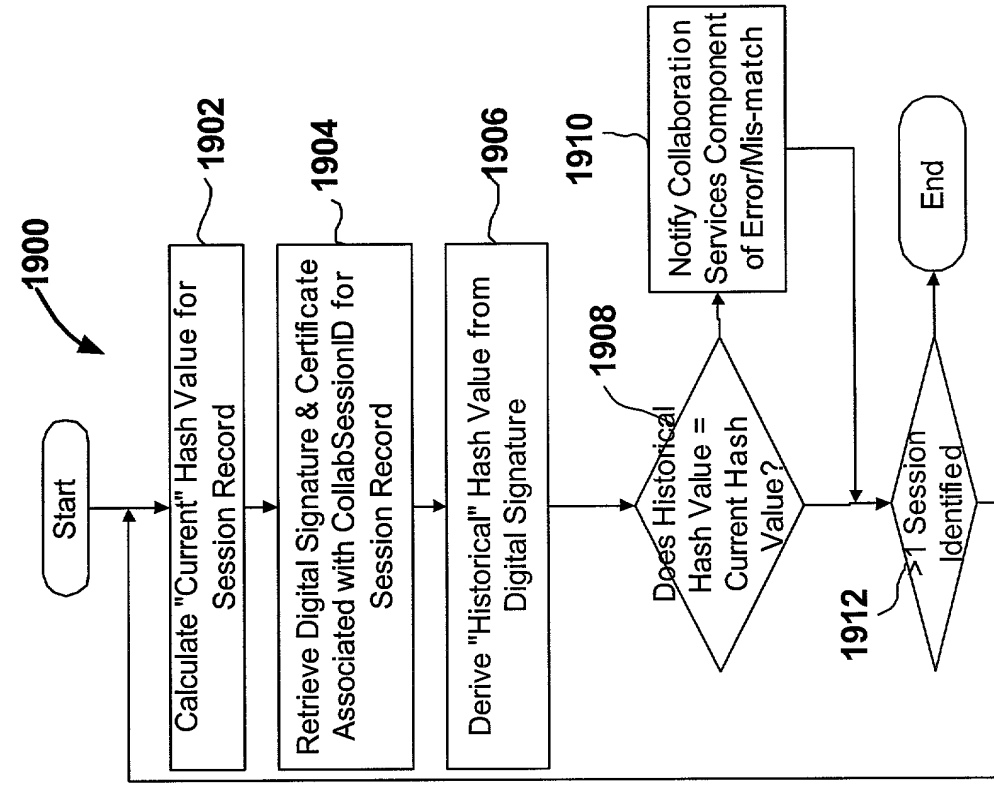


Fig. 18

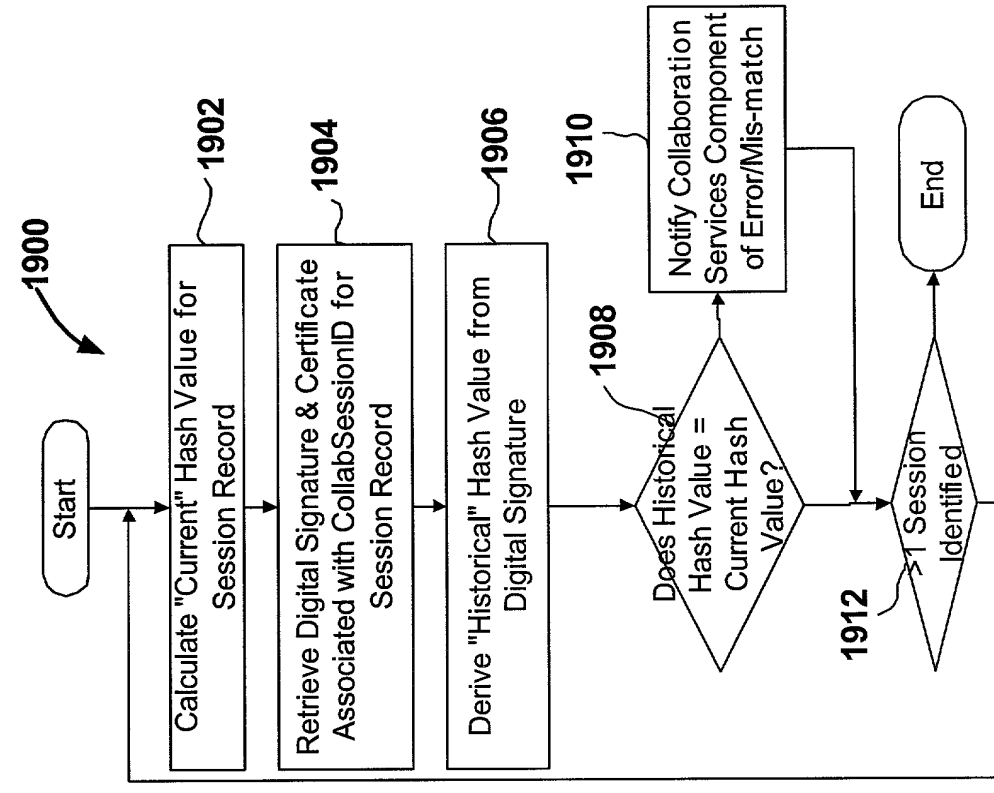


Fig. 19

User Name 2042

User ID 2044

AppSessionID 2046

2004

Current Web Session

Start Date/Time End Date/Time

MM/DD/YYYY xx:xx MM/DD/YYYY xx:xx

Viewed Web Pages and Form Submissions

- Web Site Home Page
- * Application Login Page
- Account Summary
- * Buy Order Form Page
- Confirmation Page

2022 2020

2006 2026

Web Session Customer Playback

2002

2008

To confirm accuracy of this web page, Click Here--> 2030

2000

Fig. 20

User Name 2042
UserID 2044
ApplSessionID 2046
2004

Current Web Session
Start Date/Time End Date/Time
MM/DD/YYYY xx:xx:xx MM/DD/YYYY xx:xx:xx
Viewed Web Pages and Form Submissions
Web Site Home Page
* Application Login Page
Account Summary
* Buy Order Form Page
Confirmation Page
2022
2020
2006
 2026

Web Session Customer Playback

2002

2010

2012

2008

To "digitally-sign" your confirmation of the accuracy of this web page and to view next web page, Click Here--> 2040

Fig. 20a

2000a

Fig. 21

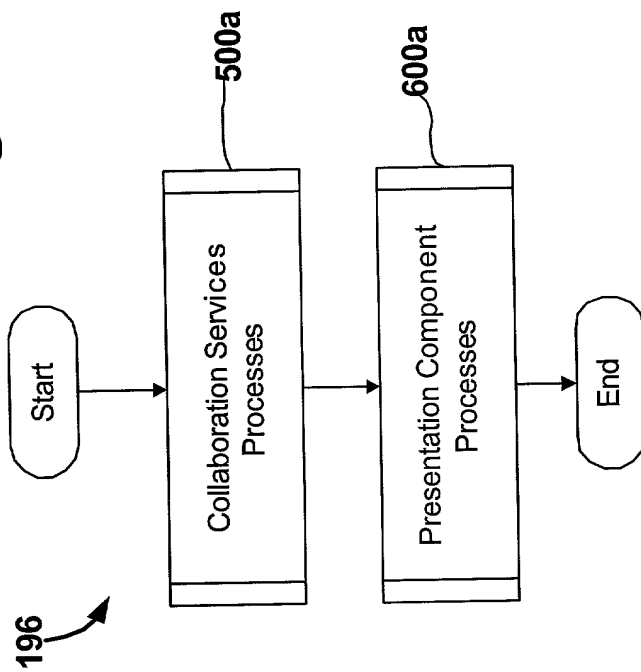
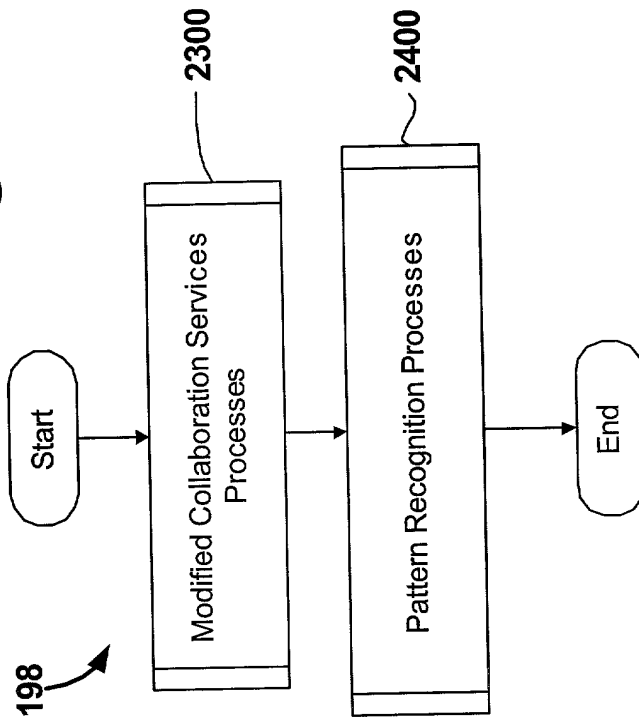


Fig. 22



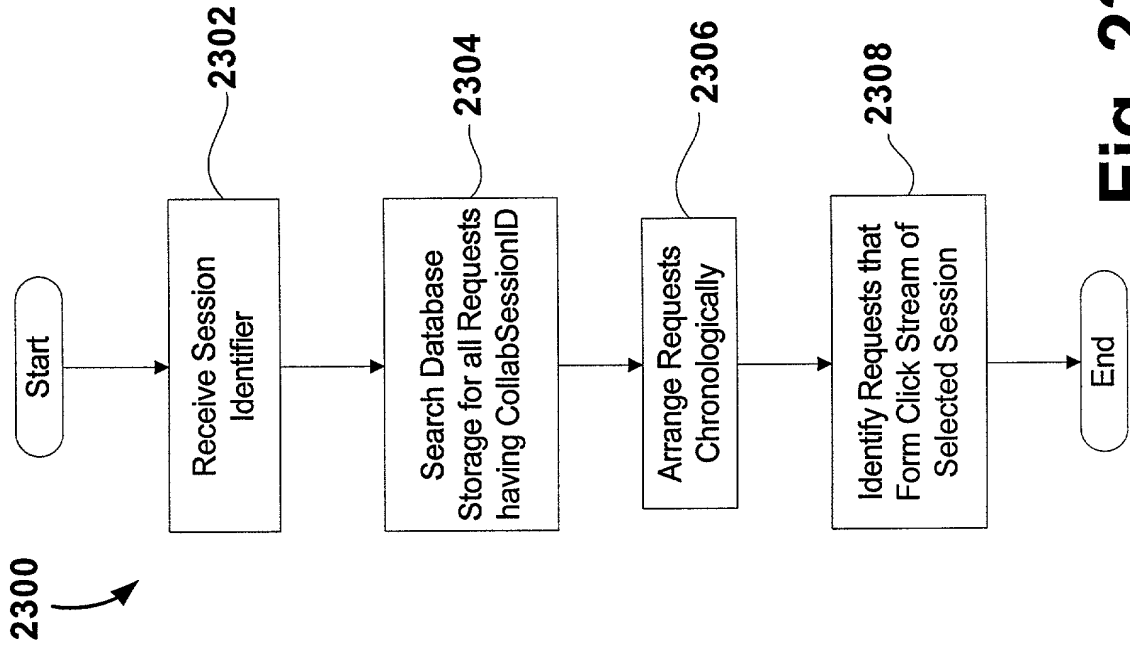


Fig. 23

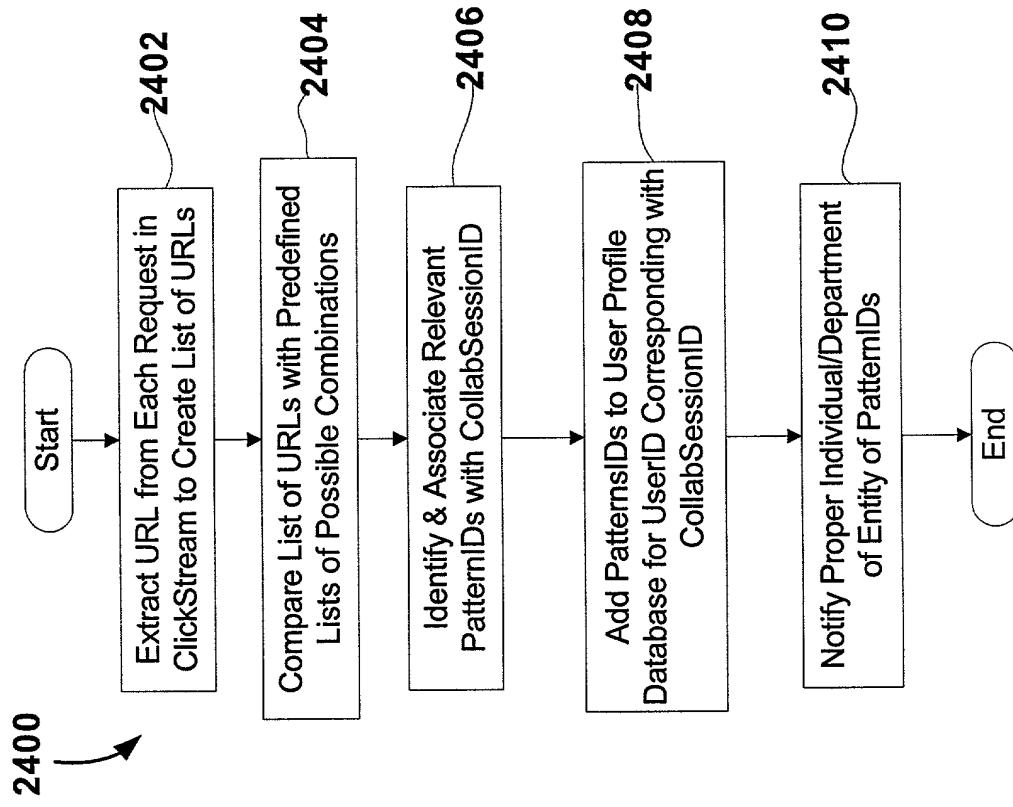


Fig. 24